

U.S. Department of Commerce
National Institute of Standards and Technology
Gaithersburg, MD 20899

Certificate Number: 88-227
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National Type Evaluation Program
Certificate of Conformance
for Weighing and Measuring Devices

For:

Jeweler's and Counter Scales
Digital Electronic
Model: GT 4400-L
n: 40,000
Capacity: 0 to 400 x 0.01 g
400 to 4,000 x 0.1 g
Platform: 6.5 inch diameter

Accuracy Class: II

Submitted by:

Ohaus Corporation
29 Hanover Road
Florham Park, NJ 07932
Tele: (201) 377-9000
Contact: Jim Kroeger

Standard Features and Options

Dual Range Scale; Capacity
4,000 x 0.1 g 400 x 0.01 g
140 x 0.005 oz 14 x 0.0005 oz
8.8 x 0.0002 lb 0.88 x 0.00002 lb
Semi-automatic zero
Units key

Other Models: See Page 2.

Temperature Range: 60 °F to 87 °F (15.6 to 30.6 °C)

This device was evaluated under the National Type Evaluation Program (NTEP) and was found to comply with the applicable technical requirements of Handbook 44, "Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Original signed by Chief, Office of Weights and Measures

Issue Date: September 22, 1988

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Ohaus Corporation
Digital Electronic Counter Scale
Model: GT-4400-L

Application: For use as a jeweler's balance and general purpose weighing.

Other Models:

<u>Model</u>	<u>Capacity</u>	
GJ-4400-L (Dual range)	4,000 x 0.1 g 20,000 x 0.5 ct 140 x 0.005 oz t 2500 x 0.1 dwt	400 x 0.01 g 2000 x 0.05 ct 14 x 0.0005 oz t 250 x 0.01 dwt
GT-4000-L (Single range)	4,000 x 0.1 g 140 x 0.005 oz 8.8 x 0.0002 lb	
GJ-4000-L (Single range)	4,000 x 0.1 g 20,000 x 0.5 ct 140 x 0.005 oz t 2,500 x 0.1 dwt	

Identification: The identification badge is located on the top left side of the device.

Sealing: The device can be sealed by threading a lead and wire seal through two screws on the back of the device.

Test Conditions: The emphasis of this evaluation was on device design and operation. The model GT4400L was tested. A load of approximately one-half capacity was applied approximately 104,000 times. Increasing and decreasing load tests were conducted periodically during this time. Voltage variation tests were conducted with a power supply of 100 VAC and 130 VAC. The scale was also tested for influence requirements over a temperature range of 60 °F to 87 °F. The results of this evaluation indicate these scales comply with applicable requirements of NBS Handbook 44.

Type Evaluation Criteria Used: NBS Handbook 44, 1988 Edition

Tested By: B. Badenhop